

Notice of Allowability	Application No.	Applicant(s)	
	09/987,610	CHOW ET AL.	
	Examiner	Art Unit	
	Tilahun B Gesesse	2684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/3/04.
2. ☒ The allowed claim(s) is/are 40-43, 45-52 and 54-59.
3. ☒ The drawings filed on 10 June 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>11/29/01</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>3/24/05</u>. 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
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DETAILED ACTION

1. This in response to applicant's amendment filed December 12, 2004, in which claims 1-39, 44, 53 and 60 have been canceled and claims 40-43, 45-52,54-59 are pending.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Steven Siu on March 24, 2005.

The application has been amended as follows:

In claim 40, line 14, "said" after a second RDT, has been deleted in stead --a -- has been inserted.

In claim 41, line 2, "a" after comprising has been deleted in place -- said--has been inserted.

The title "for over-the-air activation of" after apparatus has been deleted in stead -- of a network architecture for providing a local--has been inserted.

Allowable Subject Matter

3. After further search and through examination of the present applicant and in view of the applicant's amendment, Claims 40-43,45-52,54-59 are found to be in condition for allowance.

The following is an examiner's statement of reasons for allowance: the prior art (Connolly US 5,325,419) discloses a network architecture for providing a Local cordless-type service plurality of remote radio terminals, IBSS, PCS switch center, figure II, a plurality of wireless telephone terminals (12) having a directory number (DN) coupled by respective bearer channels to a side of a digital telecommunications switch (PCS switch center) , the bearer channel assigned from a pool of available radio frequencies over which one of said plurality of wireless telephone terminals sends and receives radio frequency signals (column 30, lines 29-62 and claim 1) one intelligent base station (IBS) (14 and 20) for receiving radio frequency signals from a plurality of cordless telephone terminals (figure 1), the digital telecommunications switch (PCS switch center 16) coupled to the IBS, the digital telecommunications switch providing a bearer channel interface to the IBS, the digital telecommunications switch further providing a trunk side interface to a public switched telecommunications network (the PCS system in figure 1 has full ISDN interface and connected to PSTN (22) (column 8, lines 747 and figure 1).

On the other hand, the present application specifically teaches a local digital switch (LDS) coupled to said IBS, said LDS providing a bearer channel line interface to

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said IBS, said LDS further providing a trunk-side interface to one of a public switched telecommunications system IPSTNI and a public cellular/PCS network and a second RDT, a first RDT provides an interface to said second RDT, said second RDT provides an interface between said first RDT and said LDS said first RDT acts as a concentrator for radio-frequency signals sent from said plurality of mobile stations over said bearer channel. These limitations, in conjunction with all other limitation of the independent claims, have not disclosed, taught or made obvious over the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tilahun B Gesesse whose telephone number is 571-272-7879. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 703-308-7745. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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March 22, 2005


TILAHUN GESESSE
PRIMARY EXAMINER